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(54) Laundry detergent tablets

(57) Laundry detergent tablets which in addition to usual adjuvants and additives comprise 0.1 to 15% by weight of nonionic tenside, 0.1 to 15% by weight of amphoteric tenside, 20 to 50% by weight of a polyfunctional carboxylic acid and/or a salt thereof, calculated as trisodium citrate dihydrate, 1 to 30% by weight of layered silicate and/or alkalimetal silicate and/or zeolite as well as 5 to 70% by weight of potassium carbonate. Further ingredients advantageously included in the laundry de-

tergent tablets are sodium carbonate and/or potassium carbonate, sodium bicarbonate and/or potassium carbonate, disintegrating agents, binders, enzymes, anti-foaming agents, agents preventing the running of colour, antiredepositing agents, polymers and complex-binding agents. The laundry detergent tablets have a good washing effect at the same time as they have a good storage stability and dissolve quickly in the washing water.

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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	WO 95 20030 A (UNILEVER) 27 July 1995 * page 12, last paragraph - page 13, paragraph 1; claims 1-9 *	1,2	C11D1/94 C11D3/10 C11D3/12 C11D3/20 C11D17/00 C11D3/08
D,A	EP 0 482 627 A (KAO CORP.) 29 April 1992 * claims 1,5; tables 1,2 *	1-7	
P,A	EP 0 737 738 A (CLEANTABS) 16 October 1996 * page 4, line 26-36; claims 1,6,10 *	1-7	
A	EP 0 504 091 A (VIKING INDUSTRIES) 16 September 1992 * claims 1-3,9 *	1-7	
A	DATABASE WPI Week 9241 Derwent Publications Ltd., London, GB; AN 92-335478 XP002078351 & JP 04 239100 A (LION CORP.) , 26 August 1992 * abstract *	1-7	
D	& JP 04 239100 A (...)		
A	DATABASE WPI Week 9420 Derwent Publications Ltd., London, GB; AN 94-164283 XP002078352 & JP 06 108099 A (LION CORP.) , 19 April 1994 * abstract *	1-7	
D	& JP 06 108099 A (...)		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 September 1998	Examiner Van Bellinghen, I
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background C : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons S : member of the same patent family, corresponding document	

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